

PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.04.2003)
0-5	Petition	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	PCT03-034
I	Title of invention	MULTI-LAYERED CARBON NANOBALL FOR DEODORIZATION
II	Applicant	applicant only
II-1	This person is:	all designated States except US
II-2	Applicant for	LG HOUSEHOLD & HEALTHCARE CO., LTD.
II-4	Name	
II-5	Address:	20 Yoido-dong, Youngdungpo-gu 150-721 Seoul Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	+82-42-860-8130
II-9	Facsimile No.	+82-42-863-2076
III-1	Applicant and/or inventor	applicant and inventor
III-1-1	This person is:	US only
III-1-2	Applicant for	KIM, Jong-Yun
III-1-4	Name (LAST, First)	110-104, Sejong Apt., Jeonmin-dong,
III-1-5	Address:	Yuseong-gu, 305-728 Daejeon Republic of Korea
III-1-6	State of nationality	KR
III-1-7	State of residence	KR

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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	SONG, Jun-Yeob
III-2-5	Address:	133-502 Hanil-Town Apt., Jowon-dong, Jangan-gu, Suwon-si, 440-709 Gyeongg-do Republic of Korea
III-2-6	State of nationality	KR
III-2-7	State of residence	KR
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	PARK, Seung-Kyu
III-3-5	Address:	109-902 Sejong Apt., Jeonmin-dong, Yuseong-gu, 305-728 Daejeon Republic of Korea
III-3-6	State of nationality	KR
III-3-7	State of residence	KR
III-4	Applicant and/or inventor	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	KANG, Yun-Seog
III-4-5	Address:	106-1307 Expo Apt., Jeonmin-dong, Yuseong-gu, 305-761 Daejeon Republic of Korea
III-4-6	State of nationality	KR
III-4-7	State of residence	KR
III-5	Applicant and/or inventor	
III-5-1	This person is:	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	YOON, Suk-Bon
III-5-5	Address:	866-2 Goegok-dong, Seo-gu, 302-110 Daejeon Republic of Korea
III-5-6	State of nationality	KR
III-5-7	State of residence	KR

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III-6	Applicant and/or inventor	
III-6-1	This person is:	
III-6-2	Applicant for	
III-6-4	Name (LAST, First)	
III-6-5	Address:	
III-6-6	State of nationality	
III-6-7	State of residence	
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	
IV-1-1	Name (LAST, First)	
IV-1-2	Address:	
V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	

applicant and inventor
US only
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302-776 Daejeon
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137-876 Seoul
Republic of Korea

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V-5	Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.		
V-6	Exclusion(s) from precautionary designations	NONE	
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	17 January 2003 (17.01.2003)	
VI-1-2	Number	10-2003-0003367	
VI-1-3	Country	KR	
VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (KIPO) (ISA/KR)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	-
IX-2	Description	12	-
IX-3	Claims	2	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	2	-
IX-7	TOTAL	22	

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	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-11	Copy of general power of attorney	✓	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	Korean	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	LEE, Kwang-Bok	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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